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Orion Partners with RISE Research Institutes of Sweden to Develop Renewable Carbon Black at Commercial Scale

HOUSTON – [Orion Engineered Carbons](#) (NYSE: OEC) has partnered with RISE Research Institutes of Sweden to test different types of renewable oils derived from forest products that might replace fossil-based fuels in the production of carbon black.

Orion plans to convert the biomass oil into carbon black using its small-scale furnace reactor in Kalscheuren, Germany, and will explore ways to scale up the process to match market demands.

RISE will use a pilot-scale reactor at its site in Piteå, Sweden, and will evaluate the use of electrofuels, such as plasma or hydrogen from electrolysis, as sustainable heat sources for the carbon black process.

“We are committed to meeting the rising interest in renewable carbon black as the tire industry works to address its long-term goal of reducing fossil-derived feedstocks across the supply chain,” said David Deters, senior vice president, Orion Engineered Carbons. “This partnership is yet another step in our sustainability strategy and we look forward to partnering with RISE on this exciting and critically important project.”

RISE has already shown that it could be economically feasible to produce carbon black using pyrolysis oil from wood-derived feedstock. Orion’s project goal is to validate commercial production based on this research.

About Orion Engineered Carbons

Orion Engineered Carbons (NYSE: OEC) is a global supplier of carbon black products including high-performance specialty gas blacks, acetylene blacks, furnace blacks, lamp blacks, thermal blacks, and other carbon blacks that tint, colorize and enhance the performance of polymers, plastics, paints and coatings, inks and toners, textile fibers, adhesives and sealants, batteries, tires and mechanical rubber goods, such as automotive belts and hoses. The company has over 125 years of history providing customized solutions from a network of 14 global production sites and is dedicated to responsible business practices that emphasize reliability, innovation and sustainability. For more information, please visit orioncarbons.com.

Forward-Looking Statements



This document contains certain forward-looking statements within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements are statements of future expectations that are based on current expectations and assumptions and involve known and unknown risks and uncertainties that could cause actual results, performance or events to differ materially from those expressed or implied in these statements. You should not place undue reliance on forward-looking statements. Each forward-looking statement speaks only as of the date of the particular statement. New risk factors and uncertainties emerge from time to time and it is not possible to predict all risk factors and uncertainties, nor can we assess the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. We undertake no obligation to publicly update or revise any forward-looking statement as a result of new information, future events or other information, other than as required by applicable law.

Contact:

William Foreman
Director of Corporate Communications and
Government Affairs
Orion Engineered Carbons
Direct: +1 832-445-3305
Mobile: +1 281-889-7833
william.foreman@orioncarbons.com

Wendy Wilson
Head of Investor Relations
Orion Engineered Carbons
Direct: +1 281-974-0155
Investor.relations@orioncarbons.com

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